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of the

HEALTH OF THE WEST KESTIVEN RURAL DISTRICT

by the

MEDICAL OFFICER OF HEALTH


C. W. SHEARER, M.B., Ch.B., D.P.H.

To which is Appended the Report of the

CHIEF PUBLIC HEALTH INSPECTOR

J. DEAN, F.F.S.(Eng.), Cert. R.S.I.

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WEST KESTEVEN RURAL DISTRICT COUNCIL.

(Reconstituted under the Parts of Kesteven (Alteration of Districts and Parishes) Order 1930.)

List of Parishes

Allington
Ancaster
Barkston
Barrowby
Belton and Manthorpe
Bitchfield and Bassingthorpe
Boothby Pagnell
Braceby and Sapperton
Burton Coggles
Carlton Scroop
Caythorpe
Claypole
Colsterworth
Denton
Easton
Fenton
Foston
Fulbeck
Great Gonerby
Great Ponton
Gunby and Stainby
Harlaxton
Heydour
Honington
Hougham
Hough-on-the-Hill
Ingoldsby
Lenton, Keisby and Osgodby
Little Ponton and Stroxton
Londonthorpe and Harrowby Without
Long Bennington
Marston
Normanton
North Witham
Old Somerby
Pickworth
Ropsley and Humby
Sedgebrook
Skillington
South Witham
Stoke Rochford
Stubton
Syston
Welby
Westborough and Dry Doddington
Woolsthorpe
Wyville-cum-Hungerton

WEST KESTEVEN RURAL DISTRICT COUNCIL.

Public Health and Waterworks Committee 1956

CHAIRMAN

Councillor Major H. R. E. E. WELBY, C.M.G., J.P.

VICE-CHAIRMAN

Councillor J. F. DODDS

MEMBERS

Alderman F. J. JENKINSON, J.P., (Ex-officio)

Alderman J. W. MILNER, J.P., (Ex-officio)

Councillor H. H. BROWNLOW

Councillor Sir H. J. F. S. CHOLMELEY, Bt., D.S.O., D.L., J.P.

Councillor S. CLARKE

Councillor G. F. CLEAVER

Councillor J. A. DALE

Councillor Major D. E. DIXON

Councillor F. JENKINSON

Councillor H. MARTIN

Councillor W/Cdr. A. E. F. McCREARY

Councillor R. L. NEWTON

Councillor Mrs. F. H. NORMAN

Councillor J. W. OXBY

Councillor H. PARKER

Councillor G. C. PORTER

Councillor W. S. E. PURCHASE

Councillor Mrs. F. H. RANSOME

Councillor B. SHIPMAN

Councillor J. STEWART

Councillor H. WILSON

Councillor Lt. Col. L. WOOD, M.C.

Councillor W. H. WRIGHT

WEST KESTEVEN RURAL DISTRICT COUNCIL.

Housing and Town and Country Planning Committee 1956.

CHAIRMAN

Councillor W/Cdr. A. E. F. McCREARY

VICE-CHAIRMAN

Councillor Lt. Col. L. WOOD, M.C.

MEMBERS

Alderman F. J. JENKINSON, J.P., (Ex-officio)

Alderman J. W. MILNER, J.P.

Councillor R. S. CLARK

Councillor S. CLARKE

Councillor J. A. DALE

Councillor Mrs. W. H. D. ELNOR

Councillor G. G. FISHER

Councillor G. HIGGINS

Councillor Mrs. C. L. JACQUES

Councillor F. JENKINSON

Councillor Sir D. LeMARCHANT

Councillor R. MERRICK

Councillor Mrs. F. H. NORMAN

Councillor J. W. OXBY

Councillor R. H. PACEY

Councillor G. C. PORTER

Councillor H. E. PUGMIRE

Councillor W. S. E. PURCHASE

Councillor Mrs. F. M. RANSOME

Councillor J. C. RICKETT

Councillor A. W. ROBINSON

Councillor A. C. SERGEANT

Councillor J. STEWART

Councillor H. D. STONE

H E A L T H D E P A R T M E N T

Staff

Medical Officer of Health

C. W. SHEARER, M.B., Ch.B., D.P.H.

Chief Public Health Inspector

J. DEAN, F.F.S.(Eng.), Cert.R.San.I.

Public Health Inspectors

M. F. JOHNSON, M.S.I.A., C.R.San.I.

J. LUCAS, M.S.I.A., C.R.San.I.

Technical Assistant

N. F. HEADLAND

Clerks

J. R. CLARKE

J. I. GORDON

MRS. D. M. WILKS (TO OCTOBER, 1956)

MRS. H. HOUSLEY (FROM NOVEMBER, 1956)

MISS M. E. ELDRED

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health Statistics and Sanitary Conditions of the West Kesteven Rural District for the year 1956.

Unfortunately the improvement in Infant Mortality noted last year was not maintained, and the rate for 1956 (like that for 1954 and most previous years) was far above the national average. Attention must again be drawn to the high proportion of infant deaths caused by infection.

Though the total number of deaths was higher, the table of causes of death shows little change as compared with 1955 there was a further increase in the number of deaths due to pneumonia and bronchitis. A very welcome feature is the absence of any death from Tuberculosis.

There was an increase in the number of new cases of Pulmonary Tuberculosis. This may well have been due to the intensive Mass Radiography survey in Grantham, when persons from the Rural District were invited to make use of the open sessions, and many did so.

No case of Poliomyelitis was notified in 1956. The District's freedom from this disease was, of course, purely a matter of chance and this District is as likely as any other to experience a disastrous outbreak next year or the year after. The discovery of a vaccine which confers at least partial protection gives hope that this dreaded disease can be controlled, but the task of achieving control will be indeed formidable, as it will mean immunizing the whole population at least up to the age of 40: one third of all cases of polio and two thirds of deaths occur in persons over 15. At the time of writing, the government's plans for anti-poliomyelitis vaccination cover only children up to 15 and expectant mothers. Obviously there is a long way to go before the maximum possible protection of the community is achieved. The expense of protection should not be a deterrent, as apart from the humanitarian aspect there would be the saving to the community in hospital costs and in the maintenance of those disabled by the disease.

As suggested in my last Annual Report, the Council acquired some old property which after improvement has proved useful for the housing of "difficult" families - The war-time hutments used as temporary housing are steadily being closed down, a process which should be complete by the end of 1957.

In conclusion, I wish to thank all members of the Council, and in particular the Health Committee, Mr. Morgan, Mr. Dean, and all his staff for their unfailing courtesy and help throughout the year.

I am, Sir, Ladies and Gentlemen,

Your obedient servant,

C. W. SHEARER

Medical Officer of Health.

WEST KESTEVEN RURAL DISTRICT COUNCIL.

STATISTICAL SUMMARY 1956.

Population (Estimated for the year)	18,360
Area	122,406 acres
Rateable Value	£140,210
Estimated Product of a Penny Rate	£561

	Males	Females	Totals
LIVE BIRTHS	176	162	338
STILL BIRTHS	3	2	5
BIRTH RATE { Crude Birth Rate)	18.4	per 1000	population
{ Corrected for age and sex)	18.2	per 1000	population
{ Average, England and Wales)	15.7	per 1000	population
INFANT DEATHS { Under 1 year)	7	4	11
{ Legitimate)	6	4	10
{ Illegitimate)	1	-	1
INFANTILE DEATH RATE	32.5	per 1000	live births
Average for England and Wales	23.8	per 1000	live births
DEATH RATE { Crude Death Rate)	11.0	per 1000	population
{ Corrected for age and sex)	11.9	per 1000	population
Average for England and Wales	11.7	per 1000	population
TOTAL DEATHS AT ALL AGES	104	98	202

CAUSES OF DEATH

1. Tuberculosis, respiratory	-	-	-
2. Tuberculosis, other	-	-	-
3. Syphilitic disease	-	-	-
4. Diphtheria	-	-	-
5. Whooping Cough	-	-	-
6. Meningo-coccal infections	-	-	-
7. Acute Poliomyelitis	-	-	-
8. Measles	-	-	-
9. Other infective and parasitic diseases	-	1	1
10. Malignant neoplasm, stomach	2	3	5
11. Malignant neoplasm, lung, bronchus	2	1	3
12. Malignant neoplasm, breast	-	1	1
13. Malignant neoplasm, uterus	-	3	3
14. Other Malignant and Lymphatic neoplasms	12	5	17
15. Leukaemia, aleukaemia	-	1	1
16. Diabetes	2	1	3
17. Vascular lesions of nervous system	12	11	23
18. Coronary disease, angina	12	5	17
19. Hypertension with Heart disease	-	-	-
20. Other Heart disease	22	28	50
21. Other circulatory disease	8	7	15
22. Influenza	1	-	1
23. Pneumonia	5	6	11
24. Bronchitis	8	5	13
25. Other disease of Respiratory system	-	1	1
26. Ulcer of stomach and duodenum	1	1	2
27. Gastritis, enteritis and diarrhoea	1	-	1
28. Nephritis and nephrosis	-	-	-
29. Hyperplasia of prostate	2	-	2
30. Pregnancy, childbirth, abortion	-	-	-
31. Congenital malformations	-	2	2
32. Other defined and ill-defined diseases	10	11	21
33. Motor vehicle accidents	2	2	4
34. All other accidents	2	2	4
35. Suicide	-	1	1
36. Homicide and operations of war	-	-	-
	104	98	202

NOTIFICATIONS OF INFECTIOUS DISEASES DURING 1956

Age Period	Scarlet Fever		Whooping Cough		Measles		Pneumonia		Puerperal Pyrexia	
	M	F	M	F	M	F	M	F	M	F
under 1 yr	-	-	4	1	-	-	-	-	-	-
1 - 2 yrs	-	-	5	1	-	-	-	-	-	-
3 - 4 yrs	-	1	3	2	-	-	-	-	-	-
5 - 9 yrs	6	9	6	9	1	1	1	1	-	-
10 - 14 yrs	1	1	-	-	-	-	-	1	-	-
15 - 24 yrs	-	-	-	-	1	-	-	-	-	1
25 and over	-	-	-	-	-	-	4	1	-	1
Age unknown	-	-	-	-	-	-	-	-	-	1
TOTAL	7	11	18	13	2	1	5	3	-	3

TUBERCULOSIS - NEW CASES AND DEATHS IN 1956

Age Period	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 yr	-	-	-	-	-	-	-	-
1 - 5 yrs	-	-	-	-	-	-	-	-
6 - 10 yrs	-	-	1	-	-	-	-	-
11 - 15 yrs	-	-	-	-	-	-	-	-
16 - 20 yrs	1	1	-	-	-	-	-	-
21 - 25 yrs	2	1	-	-	-	-	-	-
26 - 35 yrs	-	2	1	-	-	-	-	-
36 - 45 yrs	-	1	-	-	-	-	-	-
46 - 55 yrs	1	-	-	-	-	-	-	-
56 - 65 yrs	2	-	-	-	-	-	-	-
65 upwards	1	-	-	-	-	-	-	-
TOTAL	7	5	2	-	-	-	-	-

INFANT DEATHS FROM STATED CAUSES

CAUSE OF DEATH	Under 1 Day	1-7 Days	1-4 Weeks	Total Under 4 Wks	1-3 Months	3-12 Months	Total Under 1 Yr.
Premature Birth	1	-	1	2	-	-	2
Malformation	-	1	1	2	-	-	2
Birth Injuries	1	-	-	1	-	-	1
Pneumonia & Bronchitis	-	-	-	-	1	2	3
Enteritis & Diarrhoea	-	-	-	-	-	1	1
Other Causes	-	-	-	-	1	1	2
TOTAL	2	1	2	5	2	4	11

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH OFFICER FOR
THE YEAR 1956

Public Health Department,
Council Offices,
19, Watergate,
GRANTHAM.

To the Chairman and Members of the
West Kesteven Rural District Council

Mr Chairman, Ladies and Gentlemen,

I have the honour to present my Report for the year ended 31st December 1956 and to record the progress that has been made during that period in improving the living conditions of the people residing in the area.

My Department is often subjected to criticism and comparisons are made with pre-war years regarding the amount of work involved and the number of the staff engaged. For comparative purposes it is worth noting the increase in responsibility over the past twenty years. In 1936 there were no water mains or sewerage schemes worth mentioning, no refuse collection, the Council erected 16 houses and then owned 161. Twelve of those houses were painted in that year. 32 plans for new buildings were submitted and examined as compared with 264 during 1956. There were 37 privately owned slaughter-houses in 1936 as against 6 now, but then it was impossible to inspect all animals slaughtered as we do today. The product of a penny rate was £218 and even in 1956 was only £561 but unfortunately the Pound is only worth about one-fifth of what it was then.

The Council are to be congratulated on the progress which they continue to make in spite of the financial difficulties and I am satisfied that both my staff and workmen alike do their utmost to implement the Council's recommendations and take a conscientious interest in their daily tasks. Taking over full responsibility for the erection of all new housing is an additional load but at the same time this results not only in a capital saving but also a closer eye on construction, materials and equipment with a view to future maintenance.

Without the full co-operation and support of the Clerk of the Council, the Accountant, the Medical Officer and the friendly help and support of every Member of the Council it would not be possible to cope with the volume of work or to be in a position to present such a satisfactory report.

I am, Sir, Ladies and Gentlemen,

Your obedient Servant

J. DEAN

Chief Public Health Inspector and Surveyor

1. DWELLING HOUSES INSPECTED

(a)	Inspections for Housing Defects	112
(b)	Dwelling Houses found Unfit	87
(c)	Dwelling Houses found not fit in all respects	245
(d)	Re-Inspections and visits to work in progress	195
(e)	Re Overcrowding	1
(f)	New Buildings (Supervision under Building Byelaws)	229
(g)	Re Council House Repairs	306
(h)	Housing Sites, Surveys, Inspections of work in progress	328
(i)	Temporary Housing	34
		<hr/>
		1537

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES

(a)	Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority	96
(b)	Informal Notices served	1

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR

(A)	Proceedings under Sections 9, 10 & 16, Housing Act 1936	
(a)	Number of dwelling-houses in respect of which notices were served requiring repairs	9
(b)	Number of dwelling-houses which were rendered fit after service of formal notices	2
(c)	By owners	2
(d)	By Local Authority in default of owners	Nil
(B)	Proceedings under the Public Health Act	
(a)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied after service of formal notice	2
(b)	Number of dwelling-houses in which defects were remedied after service of formal notices	Nil
(c)	By Local Authority in default of owners	Nil
(d)	By owners	Nil
(C)	Proceedings under Sections 11 & 13, Housing Act 1936	
(a)	Number of dwelling-houses in respect of which Demolition Orders were made	88
(b)	Number of dwelling-houses demolished in pursuance of Demolition Orders	1
(D)	Proceedings under Section 12, Housing Act 1936	
(a)	Number of separate tenements or underground rooms, in respect of which Closing Orders were made	2
(b)	Number of separate tenements or underground rooms, in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	Nil

SUMMARY OF OTHER INSPECTIONS 1956

Factories (a) with Mechanical Power...	...	...	...	...	...	...	...	...	3
(b) without Mechanical Power	...	...	...	...	...	...	...	...	-
Slaughter-houses and Knackers Yards...	...	...	...	...	...	...	...	...	712
Food Preparing Premises (a) Fried Fish Shops	...	...	...	...	...	...	...	...	1
(b) Ice Cream Premises	...	...	...	...	...	...	...	...	-
(c) Other Premises.	...	...	...	...	...	...	...	...	32
Cowsheds and Dairies...	...	...	...	...	...	...	...	...	1
Milk Samples for Analysis...	...	...	...	...	...	...	...	...	29
Stables and Piggeries..	...	...	...	...	...	...	...	...	-
Petroleum Stores..	...	...	...	...	...	...	...	...	9
Water Supply.	...	...	...	...	...	...	...	...	97
Water Samples for Analysis..	...	...	...	...	...	...	...	...	545
Sewer Dykes and Sewage Disposal Works.	...	...	...	...	...	...	...	...	126
Infectious Disease Inquiries and Disinfections..	...	...	...	...	...	...	...	...	8
Verminous Premises and Disinfestations	...	...	...	...	...	...	...	...	7
Drainage (a) Colour Tested..	...	...	...	...	...	...	...	...	4
(b) Water Tested...	...	...	...	...	...	...	...	...	79
(c) Smoke Tested...	...	...	...	...	...	...	...	...	1
(d) Inspected.	...	...	...	...	...	...	...	...	140
Scavenging Work...	...	...	...	...	...	...	...	...	53
Tents, Vans and Sheds..	...	...	...	...	...	...	...	...	3
Camping Sites	...	...	...	...	...	...	...	...	-
Special Surveys (a) Water Supply.	...	...	...	...	...	...	...	...	379
(b) Scavenging...	...	...	...	...	...	...	...	...	-
(c) Sewage Disposal...	...	...	...	...	...	...	...	...	379
(d) Rural Housing Survey...	...	...	...	...	...	...	...	...	380
Town and Country Planning Inspections.	...	...	...	...	...	...	...	...	11
Miscellaneous	...	...	...	...	...	...	...	...	144

W A T E R S U P P L Y.

Further progress was made during the year with the extension of mains water supplies but it was not possible to bring the new source from the bunter sandstone at Long Bennington into operation due to the difficulties experienced by the manufacturers and consequent unpardonable delays in obtaining delivery of the most vital part of the northern section of the Regional Water Scheme for the area, the submersible pump.

During the year, further attempts were made to trace the sources of pollution of the Lenton Lodge and Laughton Lodge bores which are sunk into the Lincolnshire limestone. One possible source was considered to be a dyke at Sapperton which collects drainage from a large area of surrounding land and, in addition receives the discharge of sewage from a section of this hamlet, after partial treatment. The whole of this surface water discharges through a natural "swallow hole" into the limestone, which outcrops near the surface in this valley. During 1957, it was noted that the feeding of chlorine to the discharge into the swallow hole appeared to have a distinct effect on the quality of the raw water extracted from the Lenton bore but no definite conclusions could be reached as it was not possible to cope with the amount of chlorine required as a result of the tremendous increase in flow after rainfall due to the rapid "run off" from the surrounding land. However, it is considered that the findings were sufficient to warrant further investigations as to the possibility of sealing this inlet and finding an alternative route for discharge of the surface water, together with the improvement of the sewage disposal for Sapperton.

Only one isolated sample out of 47 samples of raw water from the Lenton bore gave a total absence of faecal coli during 1956 but this is not unusual, as the source is recognized as being heavily polluted. The last satisfactory sample of raw water was obtained as far back as 1951 and consequently this can only be regarded as a freak. Tremendous care is taken with the chemical treatment of this source as will be seen from the tabulated results of samples of water taken from consumers taps at numerous points on the distribution mains. It is worthy of note here that of 102 samples taken, none were found to be unsatisfactory. The provision of an automatic chlorine residual recorder which will also control the operation of the pump will be an added safeguard in ensuring that no water is put into supply without adequate sterilization.

The supervision and maintenance as a result of the miles of mains now in existence and the scattered nature of the pumping stations is difficult and costly in view of the amount of travelling involved but it is essential that every care should be taken to ensure a safe supply of water throughout the area. The total value of the Council's water undertaking must now be worth over half a million pounds and such a valuable asset must receive the best attention to maintain it efficiently.

BACTERIOLOGICAL EXAMINATIONS - (1) RAW WATERS.

	LENTON Borehole		MOTHERFORD Spring		OLD SOMERBY Borehole	
	Coli-aergns count p.100 mls at 37°C	Faecal coli count p.100 mls at 44°C	Coli-aergns count p.100 mls at 37°C	Faecal coli count p.100 mls at 44°C	Coli-aergns count p.100 mls at 37°C	Faecal coli count p.100 mls at 44°C
1 Jan						
8 Jan	30	8	Nil	Nil	Nil	Nil
15 Jan						
22 Jan	180+	180+	1	Nil	Nil	Nil
29 Jan	17	5	Nil	Nil	Nil	Nil
5 Feb	180+	180+	1	Nil	1	Nil
12 Feb	180+	180+	Nil	Nil	Nil	Nil
19 Feb	50	17	Nil	Nil	Nil	Nil
26 Feb					Nil	Nil
4 Mar	17	17	Nil	Nil	Nil	Nil
11 Mar	50	35	Nil	Nil	Nil	Nil
18 Mar			Nil	Nil	1	Nil
25 Mar	50	25	Nil	Nil	Nil	Nil
1 Apl	5	5	Nil	Nil	Nil	Nil
8 Apl						
15 Apl	17	7	Nil	Nil	Nil	Nil
22 Apl	160	160	Nil	Nil	Nil	Nil
29 Apl	20	5	Nil	Nil	Nil	Nil
6 May	50	11	Nil	Nil	Nil	Nil
13 May	2	1	Nil	Nil	Nil	Nil
20 May	17	18	Nil	Nil	Nil	Nil
27 May	35	35	Nil	Nil	Nil	Nil
3 Jun	180+	160	5	5	Nil	Nil
10 Jun	180+	35	Nil	Nil	Nil	Nil
17 Jun	180+	180+	Nil	Nil	Nil	Nil
24 Jun	180+	180+	Nil	Nil	Nil	Nil
1 Jly	160	20	2	Nil	Nil	Nil
8 Jly	50	13	Nil	Nil	Nil	Nil
15 Jly	180+	180+			Nil	Nil
22 Jly	160	90	180+	180+		
29 Jly	180+	180+	5	5	2	Nil
5 Aug	180+	180+	50	Nil	1	1
12 Aug	180+	180+	35	35	8	3
19 Aug	50	50	Nil	Nil	1	Nil
26 Aug	180+	180+	180+	180+	Nil	Nil
2 Sep	180+	90	30	13	Nil	Nil
9 Sep	180+	180+	Nil	Nil	Nil	Nil
16 Sep	160	90	2	1	Nil	Nil
23 Sep	160	35	Nil	Nil	5	Nil
30 Sep	160	8	3	3	Nil	Nil
7 Oct	180+	90	Nil	Nil	Nil	Nil
14 Oct	180+	90	1	1	1	Nil
21 Oct	90	8	Nil	Nil	Nil	Nil
28 Oct	30	5	Nil	Nil	Nil	Nil
4 Nov	160	5	Nil	Nil	Nil	Nil
11 Nov	35	7	Nil	Nil	Nil	Nil
18 Nov	3	1	Nil	Nil	Nil	Nil
25 Nov	25	8	Nil	Nil	Nil	Nil
2 Dec	35	1	Nil	Nil	Nil	Nil
9 Dec	1	Nil	50	5	Nil	Nil
16 Dec	1	1	90	90	Nil	Nil
23 Dec	90	25	35	35	Nil	Nil

BACTERIOLOGICAL EXAMINATIONS - (1) RAW WATERS.

BELTON Spring		FOXHOLE Spring		SKILLINGTON Spring		
Coli-aergns count p.100 at 37°C	Faecal coli count p.100 mls at 44°C	Coli-aergns count p.100 mls at 37°C	Faecal coli count p.100 mls at 44°C	Coli-aergns count p.100 mls at 37°C	Faecal coli count p.100 mls at 44°C	
	Nil	Nil	Nil	Nil	Nil	1 Jan
						8 Jan
						15 Jan
5	Nil	Nil	Nil			22 Jan
Nil	Nil	Nil	Nil			29 Jan
3	3	Nil	Nil			5 Feb
1	1	Nil	Nil			12 Feb
Nil	Nil	Nil	Nil	Nil	Nil	19 Feb
Nil	Nil					26 Feb
Nil	Nil	Nil	Nil	Nil	Nil	4 Mar
1	Nil	Nil	Nil	Nil	Nil	11 Mar
Nil	Nil	Nil	Nil	Nil	Nil	18 Mar
Nil	Nil			Nil	Nil	25 Mar
		Nil	Nil	Nil	Nil	1 Apl
Nil	Nil					8 Apl
Nil	Nil	Nil	Nil	Nil	Nil	15 Apl
1	Nil			11	11	22 Apl
Nil	Nil	Nil	Nil			29 Apl
Nil	Nil			Nil	Nil	6 May
Nil	Nil	Nil	Nil			13 May
2	1			Nil	Nil	20 May
Nil	Nil			Nil	Nil	27 May
Nil	Nil			Nil	Nil	3 Jun
Nil	Nil			Nil	Nil	10 Jun
17	7			Nil	Nil	17 Jun
50	20			Nil	Nil	24 Jun
3	1			Nil	Nil	1 Jly
8	1	Nil	Nil			8 Jly
180+	180+					15 Jly
180+	180+			180+	180+	22 Jly
20	7	Nil	Nil			29 Jly
5	Nil	Nil	Nil			5 Aug
Nil	Nil			180+	180+	12 Aug
1	Nil			13	13	19 Aug
1	1	1	Nil			26 Aug
50	35	90	35			2 Sep
		1	1			9 Sep
2	Nil	Nil	Nil	1	1	16 Sep
Nil	Nil	Nil	Nil			23 Sep
Nil	Nil	Nil	Nil			30 Sep
Nil	Nil	Nil	Nil			7 Oct
Nil	Nil	Nil	Nil	3	3	14 Oct
Nil	Nil	1	1			21 Oct
		Nil	Nil	Nil	Nil	28 Oct
Nil	Nil	Nil	Nil	25	Nil	4 Nov
Nil	Nil			1	Nil	11 Nov
Nil	Nil	Nil	Nil			18 Nov
Nil	Nil			Nil	Nil	25 Nov
Nil	Nil	Nil	Nil			2 Dec
Nil	Nil	180+	180+			9 Dec
Nil	Nil	35	3	Nil	Nil	16 Dec
Nil	Nil	35	35			23 Dec

BACTERIOLOGICAL EXAMINATIONS.

(ii) Treated Waters

Source of Supply	Place of Sampling	Category			
		1	2	3	4
Lenton	Bitchfield	10	-	-	-
	Braceby	1	-	-	-
	Sapperton	8	-	-	-
	Burton Coggles	6	1	-	-
	Ingoldsby	17	-	-	-
	Lenton	4	-	-	-
	Pickworth	12	-	-	-
	Ropsley	43	-	-	-
North Witham	Colsterworth	41	-	-	-
	North Witham	4	-	-	-
	South Witham	8	-	-	-
	Gunby and Stainby	3	-	-	-
Old Somerby	Old Somerby	39	1	3	-
Skillington	Skillington	39	1	-	-
Belton	Ancaster	12	1	2	1
	Belton	1	-	-	-
	Barkston	37	-	-	-
		285	4	5	1

CONSUMPTION OF WATER - ALL SOURCES

figures given in 000 gallons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL													
COUNCIL SOURCES	LENTON BOREHOLE	1590	1702	2150	1731	1705	2072	1600	1672	1957	1561	1690	1983	21413												
	NORTH WITHAM SPRING	1230	1300	1620	1280	1285	1515	1188	1200	1480	1123	1102	1440	15763												
	OLD SOMERBY BOREHOLE	93	92	132	100	94	104	89	90	98	79	86	108	1165												
	SKILLINGTON SPRING	197	219	257	216	200	285	210	225	259	226	222	290	2806												
	BELTON SPRING	811	791	862	736	736	920	622	700	832	804	780	1190	9874												
	TOTAL WATER PUMPED	3921	4104	5021	4063	4020	4896	3709	3887	4626	5793	3880	5011	50931												
BULK PURCHASES	GRANTHAM WATERWORKS	4932	5438	7315	5818	5752	7598	5820	5544	4468	6752	6784	7345	73566												
	NEWARK BOROUGH	385	400	556	365	500	500	450	450	500	500	365	365	5330												
	NORTH KESTIVEN R.D.C.	711	820	403	282	647	821	900	836	713	692	573	639	8037												
	TOTAL WATER PURCHASED	6028	6658	8268	6465	6899	8919	7170	6830	5681	7944	7722	8349	86933												
	TOTAL WATER AVAILABIE	9949	10762	13289	10528	10919	13815	10879	10717	10307	11737	11602	13360	137864												
BULK SALES	MELTON & BELVOIR R.D.C.	924	1243	1085	947	1250	1581	1071	1080	1082	1218	1554	1614	14649												
	AIR MINISTRY	1200	1259	1148	1882	1600	1312	1740	1852	1750	1679	1958	2330	19710												
	TOTAL WATER SOLD	2124	2502	2233	2829	2850	2893	2811	2932	2832	2897	3512	3944	34359												
TOTAL WATER USED DURING 1956														7825	8260	11056	7699	8069	10922	8068	7785	7475	8840	8090	9416	103505

Details of the Number of Dwellinghouses supplied from the Public Water Mains direct to houses are as follows.

Allington	...	...	...	...	...	...	...	106
Ancaster	...	...	...	...	...	...	...	250
Barkston	...	...	...	...	...	...	...	---
Barrowby	...	...	...	...	...	...	...	248
Belton and Manthorpe	...	...	...	...	...	...	...	---
Bitchfield and Bassingthorpe	...	...	...	...	...	...	...	59
Boothby Pagnell	...	...	...	...	...	...	...	---
Braceby and Sapperton	...	...	...	...	...	...	...	35
Burton Coggles	...	...	...	...	...	...	...	40
Carlton Scroop	...	...	...	...	...	...	...	50
Caythorpe	...	...	...	...	...	...	...	266
Claypole	...	...	...	...	...	...	...	240
Colsterworth	...	...	...	...	...	...	...	361
Denton	...	...	...	...	...	...	...	140
Easton	...	...	...	...	...	...	...	---
Fenton	...	...	...	...	...	...	...	20
Foston	...	...	...	...	...	...	...	120
Fulbeck	...	...	...	...	...	...	...	210
Great Gonerby	...	...	...	...	...	...	...	383
Great Ponton	...	...	...	...	...	...	...	75
Gunby and Stainby	...	...	...	...	...	...	...	60
Harlaxton	...	...	...	...	...	...	...	127
Heydour	...	...	...	...	...	...	...	---
Honington	...	...	...	...	...	...	...	---
Hougham	...	...	...	...	...	...	...	70
Hough-on-the-Hill	...	...	...	...	...	...	...	135
Ingoldsby	...	...	...	...	...	...	...	77
Lenton, Keisby and Osgodby	...	...	...	...	...	...	...	57
Little Ponton and Stroxton	...	...	...	...	...	...	...	60
Londonthorpe and Harrowby Without	...	...	...	...	...	...	...	---
Long Bennington	...	...	...	...	...	...	...	326
Marston	...	...	...	...	...	...	...	90
Normanton	...	...	...	...	...	...	...	32
North Witham	...	...	...	...	...	...	...	50
Old Somerby	...	...	...	...	...	...	...	65
Pickworth	...	...	...	...	...	...	...	36
Ropsley and Humby	...	...	...	...	...	...	...	200
Skillington	...	...	...	...	...	...	...	104
South Witham	...	...	...	...	...	...	...	160
Stoke Rochford	...	...	...	...	...	...	...	---
Stubton	...	...	...	...	...	...	...	40
Syston	...	...	...	...	...	...	...	---
Welby	...	...	...	...	...	...	...	7
Westborough and Dry Doddington	...	...	...	...	...	...	...	93
Woolsthorpe	...	...	...	...	...	...	...	180
Wyville cum Hungerton	...	...	...	...	...	...	...	30
								4602

It should be noted that of the Ten parishes with few or no connections shown, three, Boothby Pagnell, Easton and Stoke Rochford are fed by private supplies; Manthorpe is within the Grantham Waterworks statutory supply area, and the seven remaining, Barkston, Carlton Scroop, Heydour, Honington, Londonthorpe, Syston and Welby are scheduled for connection in the years 1957/1958.

The proportion of premises supplied is now over 75% of the total rateable properties which total over 6000.

H O U S I N G.

It is indeed satisfactory to be able to report that the rate of completing new houses has been maintained again during 1956. 111 new houses were completed and occupied compared with 117 during 1955 and it must be remembered that during 1956 the Department took over complete responsibility for all housing contracts whereas previously the work had been carried out, and here one must add, most efficiently, by a firm of Architects appointed by the Council. This in itself is quite an achievement, particularly in view of the fact that the other work of the department has been continuously increasing with the increase in capital works such as water and sewerage schemes and the multiplicity of minor works which follow in their wake and with no increase in staff. This has only been possible due to the hard work of every member of the department and in particular to the enthusiasm of Mr. Headland, Technical Assistant, and the drive of the Chairman of the Housing Committee.

Further attention has been paid to the clearance of unfit houses and to the improvement of many others with grant aid. In order to provide for the re-housing of tenants from unfit houses, the new housing programme has been devoted entirely to this and it has been found that this has necessitated the inclusion of a large proportion of bungalows for "aged persons" as in many cases the tenants of the unfit houses fall into that category and, in addition, it has been possible to rehouse tenants of underoccupied houses in order to make them available for larger families. These bungalows are found to be a very sound solution to the clearance of unfit houses, particularly as it is possible to let them at a rent comparable with the rent previously paid, are more economical in building costs and help the occupants to live out their lives in better conditions which are far more acceptable to them than institutional accommodation or communal homes which they fear will mean loss of freedom and their goods and chattels which have such sentimental value.

The number of applications for improvement grants has again increased, being 95 approved in 1956 as against 64 in 1955. Again the percentage of tenanted houses improved is more than those owner-occupied.

The reduction in the number of applicants for housing accommodation on the Council's Register cannot be claimed to be due entirely to the number of new houses built but is also due to the introduction of a differential rent scheme which resulted in a number of houses being vacated which would not otherwise have been made available for re-letting. The villages of Barrowby, Great Gonerby and Colsterworth still have the higher demand, but even these have been reduced and the total reduction for the area is from 506 to 359 in the case of those applicants who either live or work in the rural area and in 28 parishes out of 42 the demand is under 10, which can be considered as average to allow for re-letting existing houses without resorting to additional building. Unfortunately the register does not give an entirely accurate and comprehensive picture as many prospective tenants do not apply until additional houses are seen to be under construction and others in unfit houses do not apply at all as they are unable or not prepared to pay the extra rent for the additional modern amenities provided in a good sound house.

I M P R O V E M E N T G R A N T S

	YEAR	TENANTED		OWNER/OCCUPIED		TOTAL
Total Dwellings Improved	1956	61	(64%)	34	(36%)	95
	1955	39	(61%)	25	(39%)	64
	1954	27	(60%)	18	(40%)	45
Total Approved Expenditure	1956	£55,900	(73%)	£21,000	(27%)	£78,000
	1955	£34,650	(69%)	£15,350	(31%)	£50,000
	1954	£18,900	(60%)	£13,100	(40%)	£32,000
Total Grants Approved	1956	£20,700	(69%)	£ 9,400	(31%)	£30,100
	1955	£12,350	(64%)	£ 6,950	(36%)	£19,300
	1954	£ 7,600	(58%)	£ 5,520	(42%)	£13,120
Average Expenditure per house	1956	£ 935		£ 620		£ 820
	1955	£ 885		£ 615		£ 780
	1954	£ 700		£ 730		£ 710
Average Grant per house	1956	£ 339		£ 277		£ 317
	1955	£ 317		£ 288		£ 302
	1954	£ 280		£ 310		£ 290
Grant as a % of Expenditure	1956	36%		45%		39%
	1955	36%		47%		39%
	1954	40%		42%		41%

A D D I T I O N A L H O U S E S P R O V I D E D

Barrowby	...	...	...	...	...	...	...	...	30
Claypole	...	...	...	...	...	...	...	...	11
Colsterworth	...	...	...	...	...	...	...	...	14
Fulbeck	...	...	...	...	...	...	...	...	4
Great Gonerby	...	...	...	...	...	...	...	...	1
Great Ponton	...	...	...	...	...	...	...	...	8
Hougham	...	...	...	...	...	...	...	...	2
Hough-on-the-Hill	...	...	...	...	...	...	...	...	9
Lenton, Keisby and Osgodby	...	...	...	...	...	...	...	...	4
Long Bennington	...	...	...	...	...	...	...	...	2
Westborough and Dry Doddington	...	...	...	...	...	...	...	...	6
Woolsthorpe	...	...	...	...	...	...	...	...	20

111

At the 31st December, 1956, the Council owned 955 houses as follows :-

	<u>Parish</u>							<u>No. of Houses</u>
Allington	13
Ancaster	56
Barkston	14
Barrowby	62
Bitchfield and Bassingthorpe	6
Braceby and Sapperton	2
Burton Coggles	8
Carlton Scroop	16
Caythorpe	51
Claypole	53
Colsterworth	99
Denton	8
Foston	8
Fulbeck	30
Great Gonerby	150
Great Ponton	18
Gunby and Stainby	4
Harlaxton	6
Heydour	3
Honington	3
Hougham	4
Hough-on-the-Hill	35
Ingoldsby	16
Lenton, Keisby and Osgodby	10
Little Ponton and Stroxton	1
Long Bennington	54
Marston	12
Normanton	4
North Witham	4
Old Somerby	26
Pickworth	4
Ropsley and Humby	30
Sedgebrook	4
Skillington	8
South Witham	59
Stubton	8
Welby	4
Westborough and Dry Doddington	24
Woolsthorpe-by-Belvoir	38
T o t a l								955

NUMBER OF APPLICATIONS ON THE HOUSING REGISTER

Parish	Living or Working in Rural District	Living and Working out- side Rural District	TOTAL
Allington	11	1	12
Ancaster	6	3	9
Barkston	3	3	6
Barrowby	35	39	74
Belton and Manthorpe	-	-	-
Bitchfield and Bassingthorpe	-	2	2
Boothby Pagnell	-	1	1
Braceby and Sapperton	-	-	-
Burton Coggles	2	1	3
Carlton Scroop	2	-	2
Caythorpe	25	2	27
Claypole	11	-	11
Colsterworth	46	4	50
Denton	1	1	2
Fenton	-	-	-
Foston	5	1	6
Fulbeck	-	1	1
Great Gonerby	46	27	73
Great Ponton	22	3	25
Gunby and Stainby	11	-	11
Harlaxton	2	-	2
Heydour	1	3	4
Honington	6	-	6
Hougham	2	-	2
Hough-on-the-Hill	10	1	11
Ingoldsby	-	-	-
Lenton, Keisby and Osgodby	5	2	7
Little Ponton and Stroxton	-	1	1
Long Bennington	29	3	32
Marston	1	-	1
Normanton	-	-	-
North Witham	16	-	16
Old Somerby	10	-	10
Pickworth	1	-	1
Ropsley and Humby	7	2	9
Sedgebrook	1	-	1
Skillington	1	-	1
South Witham	10	-	10
Stanton	5	-	5
Welby	1	-	1
Westborough and Dry Doddington	5	1	6
Woolsthorpe by Belvoir	20	6	26
	359	108	467

S E W E R A G E A N D S E W A G E D I S P O S A L .

The provision of sewerage and sewage disposal works is slow and of course costly but the demand is increasing with the increase in mains water supplies. Maintenance of disposal works is also difficult and costly. Difficult because of the lack of suitable labour with the necessary physical and mental ability prepared to undertake such work at the rate of pay offered and costly due to the amount of travelling involved and the use of a mobile gang for this work is necessary and is more efficient than part-time labour.

To encourage the fullest use of new sewers and eliminate insanitary conditions, grants towards the cost of conversion of E.C.s to W.C.s have been made. Of the 27 grants approved in 1956, 25 of these were in Great Gonerby.

R E F U S E C O L L E C T I O N A N D D I S P O S A L .

As a result of the recommendation in last year's report, the Council agreed to increase the collection of refuse from once every three weeks to fortnightly. An additional vehicle has been ordered and early delivery is anticipated. This extra vehicle will not only provide for this more regular collection but will also allow for the continually increasing number of premises including the large estate being developed at South Witham for the East Midlands Housing Association.

It should also be noted that refuse continues to be collected weekly from the Borough of Grantham's temporary housing estate at Alma Park.

The collection and disposal of salvage continued throughout the year and the quantity collected would have been greater than that given below had it not been for the fact that collections had to be limited as the Thames Board Mills, with whom the Council have a contract, were unable to cope with the quantity of salvage being produced. It is hoped that this position will soon be remedied particularly when the new vehicle is brought into operation as it will be difficult to keep the quantity collected down to the maximum amount the Board Mills can take.

1 9 5 6 .

		£	s.	d.
Waste Paper	87 tons 13 cwts	808	6	8
Metal and Rags	7 tons approx	120	7	6
Total value realized		<u>928</u>	<u>14</u>	<u>4</u>

1 9 5 5 .

		£	s.	d.
Waste Paper	29 tons 10 cwts	290	11	6
Metal and Rags	2 tons 5 cwts	56	7	6
Total value realized		<u>346</u>	<u>19</u>	<u>0</u>

M E A T A N D F O O D S

Carcases Inspected and Condemned during 1956
from Six Privately-owned Slaughter-houses

	Cattle	Cows	Calves	Sheep and Lambs	Pigs
Number Killed and Inspected	573	37	20	1970	770

ALL DISEASES EXCEPT TUBERCULOSIS

Whole carcasses condemned	1	Nil	Nil	5	5
Carcase of which some part or Organ was condemned	63	Nil	1	2	9
Percentage of those inspected affected by disease other than TB	11%	Nil	5%	0.4%	1.8%

TUBERCULOSIS ONLY

Whole carcasses condemned	Nil	1	Nil	Nil	Nil
Carcase of which some part or Organ was condemned	28	7	Nil	Nil	36
Percentage of those inspected affected by Tuberculosis	4.9%	21.7%	Nil	Nil	4.7%

CYSTICERCOSIS

Carcase of which some part or Organ was affected	5	Nil	-	-	-
Carcases submitted to treatment by Refrigeration	5	Nil	-	-	-
Generalised and totally Condemned	Nil	Nil	-	-	-

The entire carcasses and organs of the following animals were condemned
for the reasons stated

1 Beast	Generalised Tuberculosis
1 Sheep	Emaciation
1 Pig	Emaciation and Dropsy
1 Pig	Pneumonia and Dropsy
1 Pig	Moribund
2 Sheep	Moribund
1 Sheep	Dropsy
1 Pig	External Bruising
1 Sheep	Bruising and Medicinal Taint
1 Pig	General Actinomycosis
1 Beast	Septic Pericarditis

The total weight of meat and offals condemned as unfit for human consumption was 1 ton 12 cwt 73 lbs.

RESULTS OF BIOLOGICAL EXAMINATION OF MILKS

	Number of Samples	RESULT		
		Positive	Negative	Not Determined
Allington	11	-	1	-
Colsterworth	3	-	3	-
Wyville	11	-	11	-
	15	-	15	-

Of the samples taken at Wyville 6 shewed evidence of brucellosis and the investigation of this outbreak continued during 1957

The following premises are registered for the sale and storage of Ice Cream:-

Parish	Sale & Storage
Ancaster	4
Allington	1
Barkston	1
Barrowby	1
Burton Coggles	1
Caythorpe	2
Claypole	4
Colsterworth	1
Denton	1
Foston	4
Fulbeck	4
Great Gonerby	5
Ingoldsby	1
Harlaxton	2
Heydour	1
Hough-on-the-Hill	1
Londonthorpe & Harrowby W	3
Long Bennington	4
Old Somerby	1
Ropsley	2
Skillington	3
South Witham	2
Stoke Rochford	1
Woolsthorpe-by-Belvoir	2

In every case where the registration is one of sale and storage only, the Ice Cream is pre-packed and purchased from a large manufacturer outside the area. There are now no manufacturers in the area

Reports upon ice cream samples submitted to the Ministry of Health Laboratory were all found to be satisfactory.

PREVENTION OF DAMAGE BY PESTS

Summary of Properties Inspected or Treated during the year 1956

	LOCAL AUTHORITY PREMISES			ALL OTHER PROPERTIES		
	Sewer Dykes	Refuse Tips	Misc. Other	Private Prems.	Bus'nss Prems.	Agricul- -tural
Allington	5		3		1	
Ancaster	18	16	1	32	4	9
Barkston	16		2	22	9	13
Barrowby	13		1	12		5
Belton/Manthorpe	4			2	2	2
Bitchfield/Bass.	6		3	3		4
Boothby Pagnell	4			3		1
Braceby/Sapperton	8		1	5		1
Burton Coggles	16	9	1	19		10
Carlton Scroop	10		4	18	6	4
Caythorpe	25	5	4	37	2	7
Claypole	20			25	6	14
Colsterworth	17	4	1	27	8	1
Denton	7			10		1
Easton	6			12		3
Fenton	8			12	1	10
Foston	4			3	4	1
Fulbeck	19		6	35	4	
Great Gonerby	11		2	48	7	3
Great Ponton	12	2		25	6	11
Gunby/Stainby	7	1		4		3
Harlaxton	3		4	7	5	
Heydour	15			12	2	7
Honington	5			1	3	4
Hougham	9			10		6
Hough-on-the-Hill	8		1	11	2	11
Ingoldsby	7			3	2	3
Lenton/Keisby/Osgodby	12			12	8	17
L. Ponton/Stroxtan	7		1	16		11
Londonthorpe/Harrowby	7	1		5		
Long Bennington	10	7	2	25	3	21
Marston	3					
Normanton	3		1	9		7
North Witham	5		1	16		7
Old Somerby	2	6	1	1		1
Pickworth	2			3		
Ropsley/Humby	11	5		25	6	11
Sedgebrook	8	2			4	3
Skillington	7	7	1	5	2	6
South Witham	14	9	1	39	6	13
Stoke Rochford	11			23	9	3
Stubton	6			13	2	6
Syston	5			8	2	1
Welby	9	5		18	1	13
Westborough/Dry Dodd.	17			20		13
Woolsthorpe	7	5	4	7	1	2
Wyville	7	4		6		1
	436	95	46	649	118	273

BUILDING INSPECTIONS

The following plans were deposited for approval during the year 1956

	New Works	Alteration
Dwellinghouses	51	96
Farm Buildings	1	1
Factories	-	6
Other Buildings	34	4
	86	107
Other plans submitted, not for buildings		71

FACTORIES ACT 1937

INSPECTIONS

	Number on Register	Number of		
		Inspection	Written Notices	Occup'rs Pros'ctd
(1) Factories in which Sections 1,2,3,4,and 6 are to be enforced by Local Authorities	20	--	--	--
(2) Factories not included in (1) in which Section 7 is enforced by Lcl Authority	48	3	--	--
(3) Other premises in which Section 7 is enforced by the Local Authority(excluding out-workers premises	--	--	--	--
	68	3	---	--

CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of cases in which which defects found				Cases in which Prsctns were In-stitd
	Found	Rem- ed -ied	Refrd. to H.M.I	Refrd. by H.M.I	
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable Temperature	-	-	-	-	-
Inadequate Ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or Defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act	-	-	-	-	-
	-	-	-	-	-

PETROLEUM AND CARBIDE OF CALCIUM LICENCES

Number in Force (Petroleum)...	...	...	...	106
Number in Force (Carbide)	...	...	...	4
New Licences (Petroleum).	...	...	...	13
New Licences (Carbide)...	...	...	...	Nil

